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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/420,637	10/21/1999	PATRICK T. IGOE	XXT-033	3074

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Patrick R. Roche
Fay, Sharpe, Fagan
Minnich & McKee, LLP
1100 Superior Avenue, 7th Floor
Cleveland, OH 44114-2518

EXAMINER	
EBRAHIMI DEHKORDY, SAEID	
ART UNIT	PAPER NUMBER
2626	

DATE MAILED: 03/17/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	09/420,637	IGOE ET AL.	
	Examiner	Art Unit	
	Saeid Ebrahimi-dehKordy	2626	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☐ Responsive to communication(s) filed on _____.

2a)☒ This action is **FINAL**. 2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) 1-28 is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) 1-28 is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on 16 December 2003 is/are: a)☒ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☐ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____.

Response to Amendment

1. Applicant's amendment field on 12/16/2003 has been entered and made of record.

2. Applicant argues with respect to claims 1,10,11,20 and 21 that the job ticket cited by Suzuki is too complex and not teaching what the current invention teaches. Examiner disagrees and cites the claim language as combining the "based job ticket" and shadow job ticket" being merged and then printed, examiner notes that Suzuki, column 5 lines 19-25 and specifically lines 21-25 where the based job in this case the description file 14 and shadow job in this case page data 16 are combined and merged to create a print job to be sent to the printer.

Applicant also argues with respects to the claims 3,5,10,14,15,18,22,23 and 24 the use of the term active state, which could be interpreted as the hold time setting affecting whether or not the job is being toggled for being held or printed.

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002

do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

2. Claims 1-28 are rejected under 35 U.S.C. 102(e) as being anticipated by Suzuki et al (U.S. patent 5,923,013)

Regarding claim 1 Suzuki et al disclose: In an image reproduction system, a method for generating a job ticket for use in connection with a print job. said method comprising the steps of: generating a base job ticket associated with said print job (please note Fig.1 column 4 lines 51-53 where the jobs are created) generating a shadow job ticket associated with said print job (please note Fig.1 column 5 lines 7-13) and assembling a composite job ticket from said base job ticket and said shadow job ticket (please note column 5 lines 14-21). said composite job ticket being associated with said print job for use in connection with said print job (please note column 5 lines 21-25).

Regarding claim 2 Suzuki et al disclose: The method of claim 1 wherein said step of generating a base job ticket comprises the step of providing a base data field and said step of generating a shadow job ticket comprises the step of providing a shadow data field corresponding to said base data field (please note column 5 lines 11-16) said shadow data field having a first printing instruction encoded thereon (please note column 5 lines 7-11).

Regarding claim 3 Suzuki et al disclose: The method of claim 1 further comprising the step of determining whether said shadow ticket is in an active state (please note Figs.3 and 4 column 7 lines 9-13).

Regarding claim 4 Suzuki et al disclose: The method of claim 3 wherein said step of assembling said composite job ticket comprises the step of combining said shadow job ticket and said base job ticket if said shadow ticket is in said active state (please note Fig.16 column 10 lines 35-67 and column 11 lines 1-3).

Regarding claim 5 Suzuki et al disclose: The method of claim 2 further comprising the step of determining whether said shadow ticket is in an active state (please note Fig.3 column 7 lines 7-13 where holdTime determines whether the job is in active of not active mode).

Regarding claim 6 Suzuki et al disclose: The method of claim 5 wherein said step of assembling a composite job ticket comprises the step of providing on said composite job ticket a composite data field corresponding to said base data field (please note column7 lines 45-54).

Regarding claim 7 Suzuki et al disclose: The method of claim 6 wherein said step of assembling a composite job ticket further comprises the step of encoding, in said composite data field a second printing instruction to be used for printing said print job, said second printing instruction being selected to be said first printing instruction if said shadow ticket is in its active state (please note Fig.25 column 15 lines 6-30).

Regarding claim 8 Suzuki et al disclose: The method of claim 2 further comprising the step of encoding a third printing instruction in said base data field, and

wherein said step of assembling said composite Job ticket further comprises the steps of determining whether said shadow ticket is in an active state (please note column 7 lines 9-13) and selecting said second printing instruction to be said third printing instruction if said shadow ticket is not in said active state (please note column 10 lines 40-50).

Regarding claim 9 Suzuki et al disclose: The method of claim 1 wherein said step of assembling said composite job ticket comprises the steps of: retrieving said base job ticket and said print job from a first storage element. And retrieving said shadow job ticket from a second storage element (please note column 5 lines 7-43).

Regarding claim 10 Suzuki et al disclose: In a document reproduction system, a method for selecting a printing instruction to be used for printing a print job, said method comprising the steps of: providing a base job ticket identifying said print job and having a base data field (please note Fig.1 column 4 lines 51-60) providing a shadow job ticket identifying said print job and having a shadow data field corresponding to said base data field (please note Fig.1 items 14 and 16 column 4 lines 55-60) said shadow data field having a first printing instruction encoded therein (please note column 5 lines 7-10) determining whether said shadow ticket is in an active state (please note Fig.12 and 16 column 10 lines 40-55 where the option of job is being determined base on the holding the job or sending it to the RIP process) and assembling a composite job ticket having a composite data field corresponding to said base data field (please note column 10 lines 32-48) said composite data field having encoded therein (please note column 10 lines 66-67 and column 11 lines 1-9) a second printing instruction to be used for printing said

print job said second printing instruction being selected to be said first printing instruction if said shadow ticket is in its active state (please note column 11 lines 11-67 and column 12 lines 1-6).

Regarding claim 11 Suzuki disclose: A computer-readable medium having encoded thereon software for generating a job ticket for use in connection with a print job, said software comprising instructions for executing the steps of: generating a base job ticket associated with said print job (please note Fig.1 column 4 lines 55-60) generating a shadow job ticket associated with said print job (please note Fig.1 column 4 lines 55-64) and assembling a composite job ticket from said base job ticket and said shadow job ticket (please note Fig.1 column 5 lines 14-25) said composite job ticket being associated with said print job for use in connection with said print job (please note Fig.1 column 5 lines 7-25).

Regarding claim 12 Suzuki et al disclose: The computer-readable medium of claim 11 wherein said instructions for executing the step of generating a base job ticket comprise instructions for executing the step of providing a base data field and said instructions for executing the step of generating a shadow job ticket comprise instructions for executing the step of providing a shadow data field corresponding to said base data field said shadow data field having a first printing instruction encoded thereon (please note Fig.7 column 7 lines 39-67 and column 8 lines 1-4).

Regarding claim 13 Suzuki et al disclose: The computer-readable medium claim 11 wherein said software further comprises instructions for executing the step of

determining whether said shadow ticket is in an active state (please note Figs.3 and 4 column 7 lines 9-13)

Regarding claim 14 Suzuki et al disclose: The computer-readable medium claim 13 wherein said instructions for executing the step of assembling said composite ticket comprise instructions for executing the step of combining said shadow job ticket and said base job ticket if said shadow ticket is in said active state (please note Fig.16 column 10 lines 35-67 and column 11 lines 1-3).

Regarding claim 15 Suzuki et al disclose: The computer-readable medium of claim 12 wherein said software further comprises instructions for executing the step of determining whether said shadow ticket is in an active state (please note column 7 lines 9-13).

Regarding claim 16 Suzuki et al disclose: The computer-readable medium claim 14 wherein said instructions for executing the step of assembling a composite job ticket comprise instructions for executing the step of providing, on said composite job ticket a composite data field corresponding to said base data field (please note column 5 lines 14-25).

Regarding claim 17 Suzuki et al disclose: The computer-readable medium of claim 16 wherein said instructions for executing the step of assembling a composite job ticket further comprise instructions for executing the step of encoding, in said composite data field. a second printing instruction to be used for printing said print job, said second printing instruction being selected to be said first printing instruction if said shadow ticket is in its active state (please note Fig.25 column 15 lines 6-30).

Regarding claim 18 Suzuki et al disclose: The computer-readable medium of claim 12 wherein said software further comprises instructions for executing the step of encoding a third printing instruction in said base data field, and said instructions for executing the step of assembling said composite job ticket further

comprise instructions for executing the steps of: determining whether said shadow ticket is in an active state (please note column 7 lines 9-13) and selecting said second printing instruction to be said third printing instruction if said shadow ticket is not in said active state (please note column 10 lines 40-50).

Regarding claim 19 Suzuki et al disclose: The computer-readable medium of claim 11 wherein said instructions for executing the step of assembling said composite job ticker. comprise instructions for executing the steps of: retrieving said base job ticket and said print job from a first storage element; and retrieving said shadow job ticket from a second storage element (please note column 5 lines 7-43).

Regarding claim 20 Suzuki et al disclose: An image reproduction system for generating printed output from a print job, said system comprising: an image input stage for generating a print job having an associated base job ticket and an associated shadow job ticket (please note Fig.1 column 4 lines 51-60) a control stage in communication with said image input stage for receiving said print job from said image input stage and generating therefrom a transformed print job (please note Fig.1 items 10 and 12 column 5 lines 7-25) a ticket management process in communication with said control stage for assembling a composite job ticket from said base job ticket and said shadow job ticket (please note note Fig.1 column 4 lines 51-67 and column 5 lines

1-25) said composite job ticket being associated with said print job for use in connection with said print job and an image output stage in communication with said control stage for receiving said transformed print job and said composite job ticket and generating printed output therefrom (please note Fig.1 column 4 lines 51-67 and column 5 lines 1-25).

Regarding claim 21 Suzuki et al disclose: The system of claim 20 wherein said base job ticket comprises a base data field and said shadow job ticket comprises a shadow data field corresponding to said base data field (please note column 5 lines 11-16) said shadow data field having a first printing instruction encoded thereon (please note column 5 lines 7-11).

Regarding claim 22 Suzuki et al disclose: The system of claim 20 wherein said shadow job ticket is switchable between an active state and an inactive state and said ticket management process further includes a ticket inspection process for determining whether said shadow ticket is in said active state (please note column 10 lines 40-65).

Regarding claim 23 Suzuki et al disclose: The system of claim 22 wherein said ticket management process comprises a ticket composition process for combining said shadow job ticket and said base job ticket if said shadow ticket is in said active state (please note Fig.16 column 10 lines 35-67 and column 11 lines 1-3).

Regarding claim 24 Suzuki et al disclose: The system of claim 21 wherein said shadow job ticket is switchable between an active state and an inactive state and said ticket management process further includes a ticket inspection process for determining

whether said shadow ticket is in an active state (please note column 10 lines 40-67 and column 11 lines 1-20).

Regarding claim 25 Suzuki et al disclose: The system of claim 24 wherein said ticket management process comprises a ticket composition process for providing on said composite job ticket a composite data field corresponding to said base data field (please note column7 lines 45-54).

Regarding claim 26 Suzuki et al disclose: The system of claim 25 wherein said ticket composition process comprises an instruction encoding process for encoding in said composite data field, a second printing instruction to be used for printing said print job said second printing instruction being selected to be said first printing instruction if said shadow ticket is in its active state (please note Fig.25 column 15 lines 6-30).

Regarding claim 27 Suzuki et al disclose: The system of claim 26 wherein said image input stage comprises an image encoding process for encoding a third printing instruction on said base data field. And said ticket management process comprises: a ticket inspection process for determining whether said shadow- ticket is in an active state (please note column 7 lines 9-13) and a ticket composition process for selecting said second printing instruction to be said third printing instruction if said shadow ticket is not in said active state (please note column 10 lines 40-50).

Regarding claim 28 Suzuki et al disclose: The system of claim 20 wherein said control stage further comprises a shadow ticket cache for storing a shadow job ticket received separately from said base job ticket (please note Fig.1 column 5 lines 7-15)

Conclusion

3. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Contact Information

- Any inquiry concerning this communication or earlier communications from the examiner should be directed to *Saeid Ebrahimi-Dehkordy* whose telephone number is (703) 306-3487.

The examiner can normally be reached on Monday through Friday from 8:00 a.m. to 5:30 p.m. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kimberly Williams, can be reached at (703) 305-4863.

Any response to this action should be mailed to:

Assistant Commissioner for Patents
Washington, D.C. 20231

Or faxed to:

Assistant Commissioner for Patents
Washington, D.C. 20231

Or faxed to:

(703) 872-9314, or (703) 308-9052 (for ***formal*** communications; please mark
"EXPEDITED PROCEDURE")

Or:

(703) 306-5406 (for ***informal*** or ***draft*** communications, please label "PROPOSED" or "DRAFT")

Hand delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA., Sixth Floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application should be directed to the Group Receptionist whose telephone number is (703) 305-4750.

Saeid Ebrahimi-Dehkordy
Patent Examiner
Group Art Unit 2626
March 8 2004

KA Williams
KIMBERLY WILLIAMS
SUPERVISORY PATENT EXAMINER